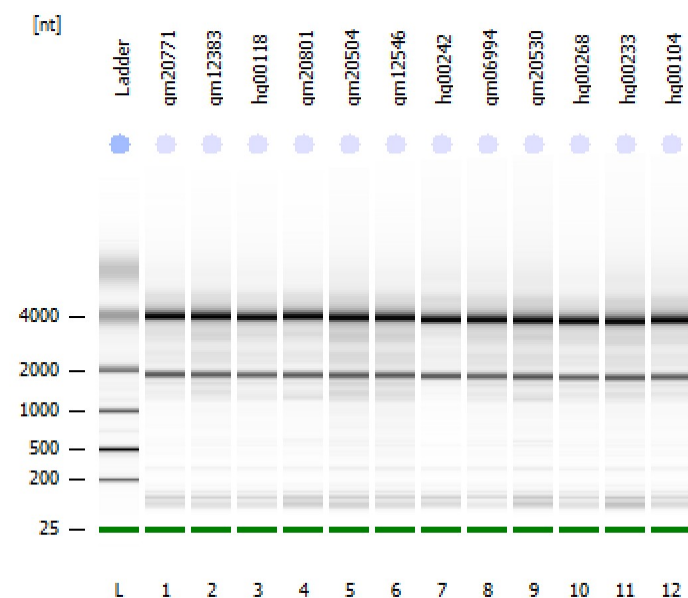


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04105537_2011-10-11_10-10-53.xad

Created: 10/11/2011 10:10:53 AM
Modified: 10/11/2011 10:34:00 AM

Electrophoresis File Run SummaryInstrument Information:

Instrument Name: DE04105537

Firmware: C.01.069

Serial#: DE04105537

Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Nano Series II.xsy

Assay Class: Eukaryote Total RNA Nano

Version: 2.6

Assay Comments: Total RNA Analysis ng sensitivity (Eukaryote)

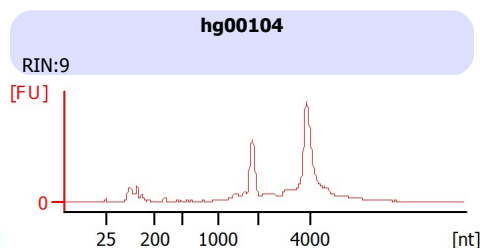
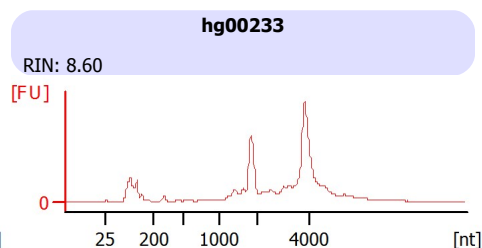
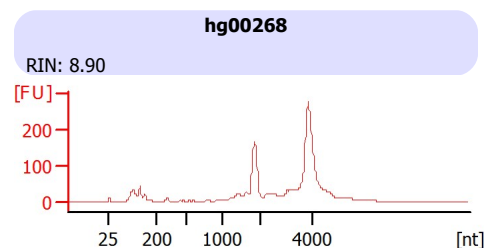
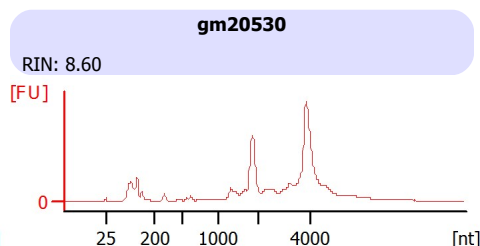
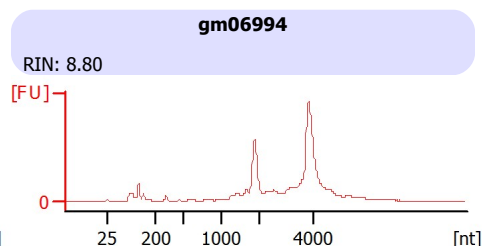
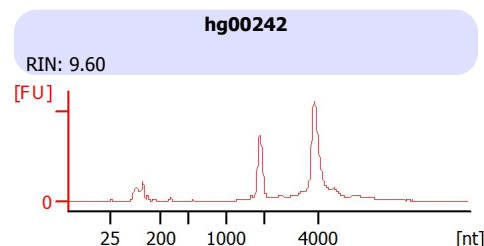
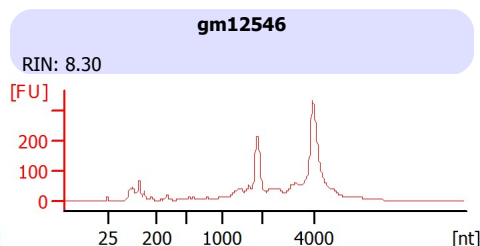
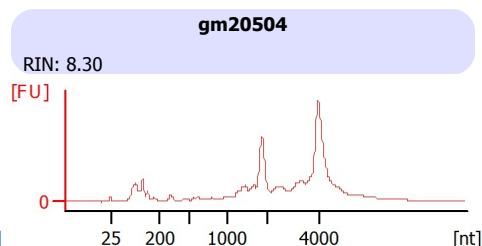
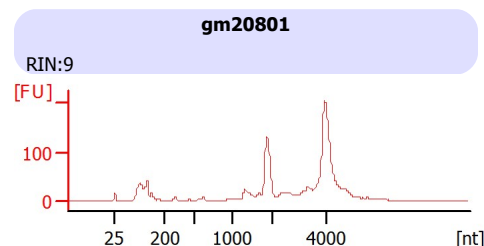
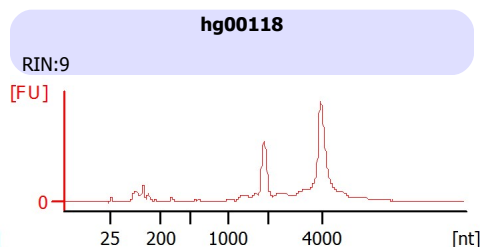
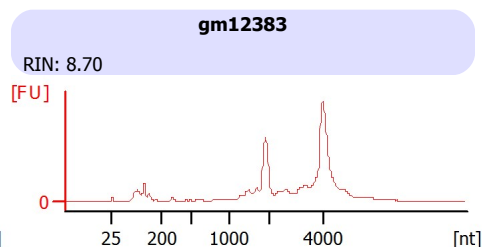
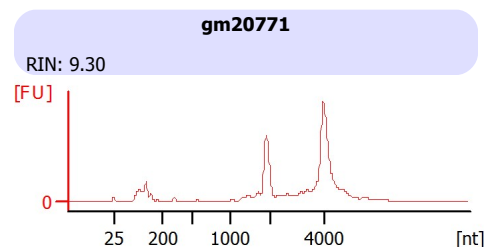
© Copyright 2003 - 2009 Agilent Technologies, Inc.

Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04105537_2011-10-11_10-10-53.xad

Created: 10/11/2011 10:10:53 AM
Modified: 10/11/2011 10:34:00 AM

Electrophoresis File Run Summary (Chip Summary)

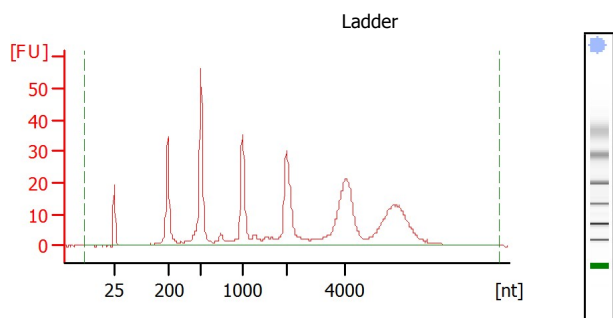
Sample Name	Sample Comment	Status	Result Label	Result Color
gm20771		✓	RIN: 9.30	
gm12383		✓	RIN: 8.70	
hg00118		✓	RIN:9	
gm20801		✓	RIN:9	
gm20504		✓	RIN: 8.30	
gm12546		✓	RIN: 8.30	
hg00242		✓	RIN: 9.60	
gm06994		✓	RIN: 8.80	
gm20530		✓	RIN: 8.60	
hg00268		✓	RIN: 8.90	
hg00233		✓	RIN: 8.60	
hg00104		✓	RIN:9	
Ladder		✓	All Other Samples	

Chip Lot #**Reagent Kit Lot #****Chip Comments :**

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...Eukaryote Total RNA Nano_DE04105537_2011-10-11_10-10-53.xad

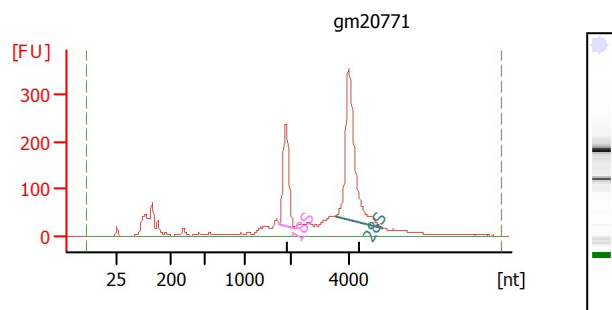
Created: 10/11/2011 10:10:53 AM
 Modified: 10/11/2011 10:34:00 AM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 516.7
 RNA Concentration: 150 ng/μl
 Result Flagging Color:
 Result Flagging Label: All Other Samples

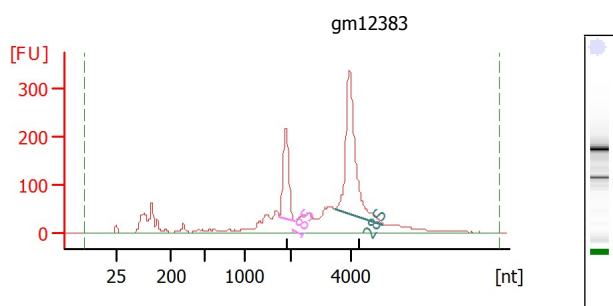


Overall Results for sample 1 : gm20771

RNA Area: 2,650.1
 RNA Concentration: 769 ng/μl
 rRNA Ratio [28s / 18s]: 2.1
 RNA Integrity Number (RIN): 9.3 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 9.30

Fragment table for sample 1 : gm20771

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,755	2,200	392.2	14.8
28S	3,514	5,124	822.3	31.0

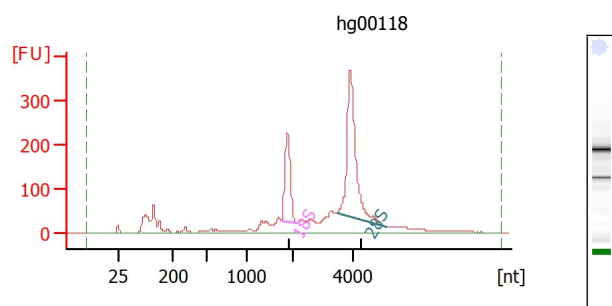


Overall Results for sample 2 : gm12383

RNA Area: 2,864.9
 RNA Concentration: 832 ng/μl
 rRNA Ratio [28s / 18s]: 2.3
 RNA Integrity Number (RIN): 8.7 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 8.70

Fragment table for sample 2 : gm12383

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,750	2,176	329.7	11.5
28S	3,481	5,094	764.2	26.7



Overall Results for sample 3 : hg00118

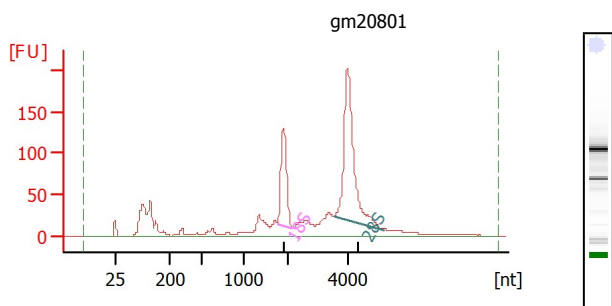
RNA Area: 2,633.5
 RNA Concentration: 764 ng/μl
 rRNA Ratio [28s / 18s]: 2.3
 RNA Integrity Number (RIN): 9 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 9

Fragment table for sample 3 : hg00118

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,741	2,176	347.7	13.2
28S	3,481	5,193	786.3	29.9

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04105537_2011-10-11_10-10-53.xad

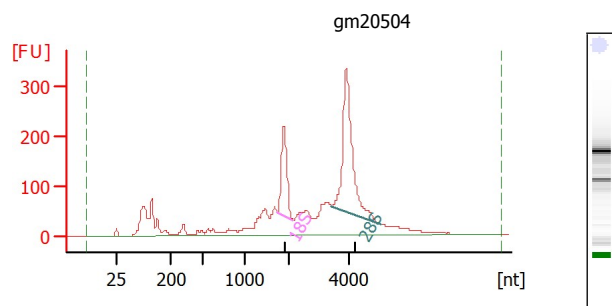
Created: 10/11/2011 10:10:53 AM
Modified: 10/11/2011 10:34:00 AM

Electropherogram Summary Continued ...**Overall Results for sample 4 : gm20801**

RNA Area: 1,616.2
RNA Concentration: 469 ng/μl
rRNA Ratio [28s / 18s]: 2.3
RNA Integrity Number (RIN): 9 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN:9

Fragment table for sample 4 : gm20801

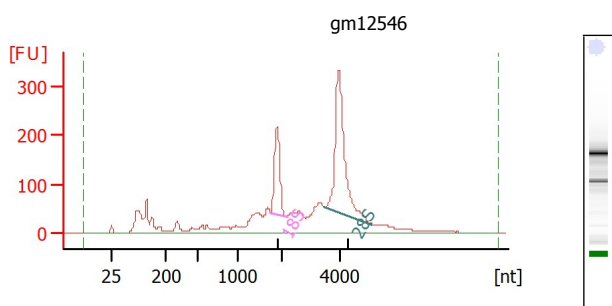
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,749	2,146	210.7	13.0
28S	3,524	5,198	479.0	29.6

**Overall Results for sample 5 : gm20504**

RNA Area: 3,376.3
RNA Concentration: 980 ng/μl
rRNA Ratio [28s / 18s]: 2.4
RNA Integrity Number (RIN): 8.3 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 8.30

Fragment table for sample 5 : gm20504

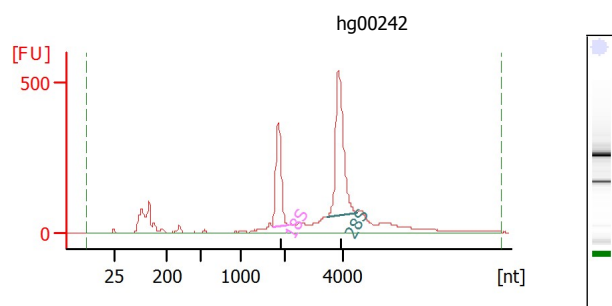
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,734	2,143	318.6	9.4
28S	3,445	5,101	759.5	22.5

**Overall Results for sample 6 : gm12546**

RNA Area: 3,144.6
RNA Concentration: 913 ng/μl
rRNA Ratio [28s / 18s]: 2.4
RNA Integrity Number (RIN): 8.3 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 8.30

Fragment table for sample 6 : gm12546

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,736	2,165	314.7	10.0
28S	3,453	5,098	741.7	23.6

**Overall Results for sample 7 : hg00242**

RNA Area: 3,767.5
RNA Concentration: 1,094 ng/μl
rRNA Ratio [28s / 18s]: 1.7
RNA Integrity Number (RIN): 9.6 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN: 9.60

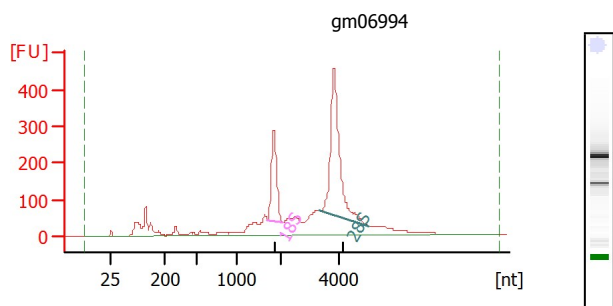
Fragment table for sample 7 : hg00242

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,715	2,135	608.5	16.2
28S	3,469	4,472	1,058.3	28.1

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\...Eukaryote Total RNA Nano_DE04105537_2011-10-11_10-10-53.xad

Created: 10/11/2011 10:10:53 AM
 Modified: 10/11/2011 10:34:00 AM

Electropherogram Summary Continued ...

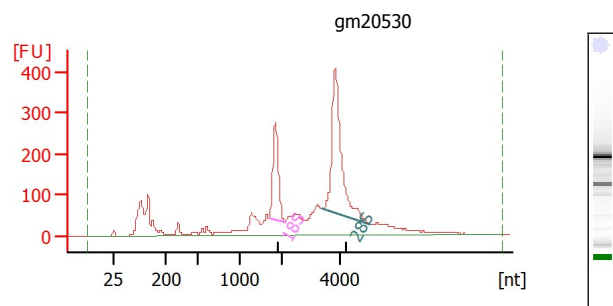


Overall Results for sample 8 : gm06994

RNA Area: 3,717.0
 RNA Concentration: 1,079 ng/μl
 rRNA Ratio [28s / 18s]: 2.3
 RNA Integrity Number (RIN): 8.8 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 8.80

Fragment table for sample 8 : gm06994

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,710	2,117	431.6	11.6
28S	3,372	5,061	1,012.6	27.2

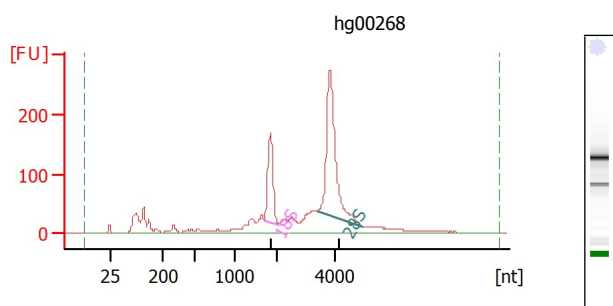


Overall Results for sample 9 : gm20530

RNA Area: 3,897.8
 RNA Concentration: 1,131 ng/μl
 rRNA Ratio [28s / 18s]: 2.2
 RNA Integrity Number (RIN): 8.6 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 8.60

Fragment table for sample 9 : gm20530

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,698	2,101	429.0	11.0
28S	3,374	5,038	936.1	24.0

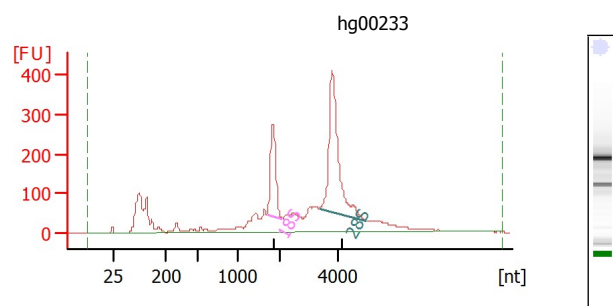


Overall Results for sample 10 : hg00268

RNA Area: 2,095.8
 RNA Concentration: 608 ng/μl
 rRNA Ratio [28s / 18s]: 2.4
 RNA Integrity Number (RIN): 8.9 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 8.90

Fragment table for sample 10 : hg00268

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,685	2,040	257.0	12.3
28S	3,348	4,932	620.6	29.6



Overall Results for sample 11 : hg00233

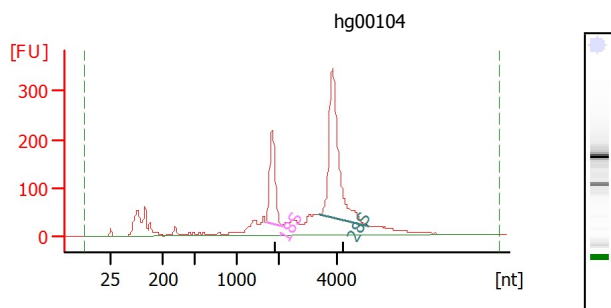
RNA Area: 3,940.7
 RNA Concentration: 1,144 ng/μl
 rRNA Ratio [28s / 18s]: 2.3
 RNA Integrity Number (RIN): 8.6 (B.02.08)
 Result Flagging Color:
 Result Flagging Label: RIN: 8.60

Fragment table for sample 11 : hg00233

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,685	2,054	414.2	10.5
28S	3,333	4,990	938.9	23.8

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\...Eukaryote Total RNA Nano_DE04105537_2011-10-11_10-10-53.xad

Created: 10/11/2011 10:10:53 AM
Modified: 10/11/2011 10:34:00 AM

Electropherogram Summary Continued ...**Overall Results for sample 12 : hg00104**

RNA Area: 2,829.3
RNA Concentration: 821 ng/μl
rRNA Ratio [28s / 18s]: 2.3
RNA Integrity Number (RIN): 9 (B.02.08)
Result Flagging Color:
Result Flagging Label: RIN:9

Fragment table for sample 12 : hg00104

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,698	2,101	354.5	12.5
28S	3,374	5,067	832.6	29.4